

WEST Search History

DATE: Tuesday, September 30, 2003

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=ADJ

L19 l16 and l18 14 L19

L18 static\$ or electrostatic\$ 267884 L18

L17 l1 and l16 1 L17

L16 (l2 or l6) and positiv\$ 90 L16

DB=DWPI; PLUR=YES; OP=ADJ

L15 positiv\$ and l9 6 L15

DB=USPT; PLUR=YES; OP=ADJ

L14 fiberglass or fibreglass or ((fiber or fibre) near glass) 107847 L14

DB=DWPI; PLUR=YES; OP=ADJ

L13 l9 and l12 11 L13

L12 sawdust or saw dust or mulch or cardboard 33517 L12

L11 l9 and l10 26 L11

L10 fiberglass or fibreglass or ((fiber or fibre) near glass) 57377 L10

L9 loose fill or cellulos\$ near insulat\$ 391 L9

DB=USPT; PLUR=YES; OP=ADJ

L8 l4 and l6 16 L8

L7 l4 and l6 and l1 0 L7

L6 cellulos\$ insulation 215 L6

L5 l2 and l4 31 L5

L4 ground cardboard or sawdust or mulch 10093 L4

L3 l1 and l2 2 L3

L2 loose fill 738 L2

L1 finish mill 67 L1

END OF SEARCH HISTORY

WEST Search History

DATE: Tuesday, September 30, 2003

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB; PLUR=YES; OP=ADJ

| | | | |
|-----|--|--------|-----|
| L11 | 15 same l6 same l7 same l10 | 12 | L11 |
| L10 | grind or grinding or grinds or mill or milling or mills | 265174 | L10 |
| L9 | 15 same l6 same l7 same l8 | 21 | L9 |
| L8 | grind\$ or mill\$ | 735866 | L8 |
| L7 | mulch or sawdust or saw dust or fiberglass or fibreglass or fiber glass or fibre glass | 79818 | L7 |
| L6 | newspaper or paper or cellulose\$ | 593620 | L6 |
| L5 | insulat\$ | 494059 | L5 |

DB=DWPI; PLUR=YES; OP=ADJ

| | | | |
|----|--|--------|----|
| L4 | l1 and l2 and L3 | 101 | L4 |
| L3 | mulch or sawdust or saw dust or fiberglass or fibreglass or fiber glass or fibre glass | 22949 | L3 |
| L2 | newspaper or paper | 284888 | L2 |
| L1 | grind\$ or mill\$ | 226656 | L1 |

END OF SEARCH HISTORY

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| | | | |
|-----|---|--------|-----|
| L11 | l5 same l6 same l7 same l10 | 12 | L11 |
| L10 | grind or grinding or grinds or mill or milling or mills | 265174 | L10 |
| L9 | l5 same l6 same l7 same l8 | 21 | L9 |
| L8 | grind\$ or mill\$ | 735866 | L8 |
| L7 | mulch or sawdust or saw dust or fiberglass or fibreglass or fiber glass or fibre glass | 79818 | L7 |
| L6 | newspaper or paper or cellulose | 593620 | L6 |
| L5 | insulat\$ | 494059 | L5 |

DB=DWPI; PLUR=YES; OP=ADJ

| | | | |
|----|---|--------|----|
| L4 | l1 and l2 and L3 | 101 | L4 |
| L3 | mulch or sawdust or saw dust or fiberglass or fibreglass or fiber glass or fibre glass | 22949 | L3 |
| L2 | newspaper or paper | 284888 | L2 |
| L1 | grind\$ or mill\$ | 226656 | L1 |

END OF SEARCH HISTORY

WEST

Generate Collection

Print

L13: Entry 1 of 11

File: DWPI

Jan 27, 2000

DERWENT-ACC-NO: 2000-138118
DERWENT-WEEK: 200013
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TITLE: Production of cellulose insulating material and image analysis for fault analysis of insulating material obtained using old paper and cardboard also natural fiber material with additives

INVENTOR: VOGEL, R; WESTPHAL, K

PATENT-ASSIGNEE:

ASSIGNEE

CODE

GFAI GES FOERDERUNG ANGEWANDTER INFORMAT

GFAIN

PRIORITY-DATA: 1998DE-1035090 (July 24, 1998)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

DE 19835090 A1

January 27, 2000

008

B27N003/00

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

DE 19835090A1

July 24, 1998

1998DE-1035090

INT-CL (IPC): B02 C 19/06; B27 N 3/00; B27 N 9/00; G01 N 21/88; G06 M 11/00

ABSTRACTED-PUB-NO: DE 19835090A

BASIC-ABSTRACT:

NOVELTY - The method of production includes a variation of the parameters in the mill. The rpm and frequency, the milling gap, also the material and air throughput of sort of paper, are so adjusted at the eddy current mill, that the cellulose insulation material is homogeneous and consists of nearly the same surface flakes with cores of fiber as well as additives and the additives are laid as fine dust at the fibers and flakes.

USE - Production of suitable cellulose insulating material from old and natural materials.

ADVANTAGE - The various materials are treated in a mill to produce homogeneous insulation material, with additives to improve fire protection and to prevent biological contamination. The eddy current mill is operated with variable parameters and materials to provide optimum mixture with low heat conducting and consolidation.

DESCRIPTION OF DRAWING(S) - Shows arrangement for carrying out method with automatic characteristic determination in insulation material flow for plant control.

Output fiber material 2

Additive 3

Material supply 4

Mill 5

Air supply 20

Computer 13

Camera 11

Control 19

Packing machine 9

CHOSEN-DRAWING: Dwg.1/4

TITLE-TERMS: PRODUCE CELLULOSE INSULATE MATERIAL IMAGE ANALYSE FAULT ANALYSE INSULATE
MATERIAL OBTAIN PAPER CARDBOARD NATURAL MATERIAL ADDITIVE

DERWENT-CLASS: P41 P63 S03 T05

EPI-CODES: S03-E04F1; S03-E04F2; T05-A02;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2000-103283

WEST☐ Generate Collection☐ Print

L13: Entry 2 of 11

File: DWPI

Jun 8, 1999

DERWENT-ACC-NO: 1999-356813

DERWENT-WEEK: 199930

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TITLE: A loose fill acoustical or thermal insulation material

INVENTOR: KEAN, M J; KEAN, T M ; SMITH, D D

PATENT-ASSIGNEE:

ASSIGNEE

CODE

BORICEL CORP

BORIN

PRIORITY-DATA: 1997US-0895165 (July 16, 1997)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--------------|--------------|----------|-------|------------|
| US 5910367 A | June 8, 1999 | | 004 | D02G003/00 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|-------------|---------------|----------------|------------|
| US 5910367A | July 16, 1997 | 1997US-0895165 | |

INT-CL (IPC): D02 G 3/00; E04 B 1/74

ABSTRACTED-PUB-NO: US 5910367A

BASIC-ABSTRACT:

NOVELTY - A loose fill insulation material consists a mixture of cellulose fibers and 0.5 to 40 wt% individual or small clumps of natural fibers and optionally 5 to 25 wt.% of at least one fire retardant agent

DETAILED DESCRIPTION - Preferred features;The insulating material has a settled density of 0.8 to 1.6 lbs per foot cube,the cellulose fiber is recycled paper or cardboard and the textile material cotton

USE - A loose insulating filling for wall cavities,lofts,under floor etc.providing a light weight insulating material which is simple to mfr.using existing equipment and enhanced settled density against prior art materials.

DESCRIPTION OF DRAWING(S) - The drawing graphically shows the relationship between wood pulp and natural fibers and resulting insulation density

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: LOOSE FILL ACOUSTIC THERMAL INSULATE MATERIAL

DERWENT-CLASS: F02 F07 F09 Q43

CPI-CODES: F04-E06; F05-A02B;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1999-105461

Non-CPI Secondary Accession Numbers: N1999-265622